



2/5

RECEIVED

JUL 26 2002

underlined = deleted in targeting construct

[ ] = sequence flanking Neo insert in targeting construct

TECH CENTER 1600/2900

[GGCTTCTCGTGGTTCCAGAGCCCTGCTTAATGGATGGAGACTGGACGAGAACCTGGCTG  
CTGTGGTTCTGAACATGGCCCAGAG] CCCTGTGTCTGCCGAGGTCATTACACCAGGTGGAAG  
AGTGTCTTGATGAAGACGAGAAGGAGATGATGCTCTTCTGTGTAGAGATGTGACTGAGA  
ACCTGGCTGCACCTAACGTCAGGGACCTCCTGGATAGCTTAAGTGAGAGAGGCCAGCTCT  
CTTTTGCTAC [CTTGGCTGAATTGCTCTACAGAGTGAGGCGGTTTGACCTTCTCAAGAGGA  
TCTTGAAGACAGACAAAACAACCGTGGAGGACCACCTGCGCAGAAAACCTCACCTGGTTT  
CTGATTATAG] GGTCTGTGATGGAGATTGGTGAGAGCTTAGATCAGAACGATGTATCCT  
CCTTAGTTTTCTTACAAGGATTACAAGGGATTACACAGGCAGAGGCAAGATAGCCAAGG  
ACAAGAGTTTTCTGGATCTGGTGATTGAATTGGAGAACTGAATCTAATTGCTTCAGACC  
AATTGAATTTGTTAGAAAAATGCCTGAAGAACATCCACAGAATAGACTTGAACACAAAAGA  
TCCAGAAGTACACCCAGTCCAGCCAAGGAGCAAGATCAAATATGAATACTCTCCAGGCTT  
CGCTCCCCAAATTTAGATATCAAGTATACTCAAGGCTCCAGAATGGGCGAAGTAAAGAGC  
CAAGATTTGTGGAATACCGTGACAGTCAAAGAACACTGGTGAAGACATCCATCCAGGAAT  
CAGGAGCTTTTTTACCTCCGCACATCCGTGAAGAGACTTACAGGATGCAGAGCAAGCCCC  
TAGGAATCTGCTTGATCATTGATTGTATTGGCAACGACACAAAATATCTTCAAGAGACCT  
TCACTTCCCTGGGCTATCATATCCAGCTTTTCTTGTTCCTTCCCAAGTCACATGACATAACCC  
AGATTGTTCCGCGATATGCAAGTATGGCCCAACATCAAGACTATGACAGCTTTGCATGTG  
TTCTGGTGAGCCTAGGAGGCTCCCAAGCATGATGGGCAGAGATCAAGTTCACTCAGGGT  
TCTCCTTGGATCATGTCAAGAACATGTTTACGGGGGACACGTGCCCTTCTCTCAGAGGGA  
AGCCAAAGCTCTTTTTTATTCAGAACTATGAGTCGTTAGGTAGCCAGTTGGAAGATAGCA  
GCCTGGAGGTAGATGGGCCATCAATAAAAAATGTGGACTCTAAGCCCCTGCAACCCAGAC  
ACTGCACAACCTCACCCAGAAGCTGATATCTTTTGGAGCCTGTGCACAGCAGACGTATCTC  
ACTTGAGAAGCCCTCCAGCTCATCTCTGTGTATCTGCAGAAGCTCTCCAGCAGCTGA  
AGCAAGGCAGGAGACGCCCCTCGTGGACCTCCACGTTGAACCTCATGGACAAAAGTGATG  
CGTGGAACAGTGGTGTTCGTCTAAGGAGAAAATACAGCCTCAGCCTGCAGCACACTCTGA  
GGAAGAACTCATCTGGCTCCTACGTGAGAACCCAGACCGTTGGTGTCTTGGTATAT  
CATCAGAGGTGGCGGCTTGGAGCAGAGCTTGGCGGTTACGGCTGCTTCTGGCTGCTTCTG  
GCTCTGCCGTGAGTCTTGGCTTAGGGTTCTCCTGTGCACAGGCATGAGCCGTAACCCGTG  
GCCTGGGAAACGTCTCACTCCCGCCGCGTGCCTTTACCTCTCTAACTTCCCTACTTAC  
ATTCCCTAGTCGGATGTTTTGCCAGAGTGTGGAGAACAGTAAGACATAAACTTATGTTT  
GTTTGTTTTTTTGGGGGGGAGGTTATCTACCAAGTTATACCAAGTTATTTGTATGGGTGTA  
TAGTGTATAGTGGTTCAAGATTCTGAATGTAACCTTGAGACTTACCTGAGTTTGTATGCG  
ACTGGGTAAATTTGTTCTATGGCACATCTAATCATTTAATAAGTAATTACCTCATTAAGT  
ACCCATTGCTTCAGGACTTTTACATTGGCCACCAATTTCTGTGACCCAGCTCCACATTTA  
TATTCTCTTTCGGCAAAACCAATTTTCAATTATGTCTGTTTAAATATCTACAGTCTAATGCT  
TTGTAAGACATCTAGATAGGAAAAATAGTTACCCATGAGCACAGGAGGGCTGGCCTGACC  
CTCACCAGCTGTGCAGTGGCTTCGGTGAAAGGAGAATGAGCCCTACTCCTTGAAAGGTTG  
TAGTGCTTGGGAGAGCAGTCTGTACCTTGCTGGGCAGCACAGTAGAGCCAGCCCCAAGA  
ACACAACAGTGAGTGGGGGAGCTTGCCCTGGTTGGCTCAGGATCAGGAAACAGGAGGGAT  
GACCAACTTGGGGCTTTGAGGTGGCCACCCAGCATCCATATCATCTGTGAACTGCCAG  
AGCCTGTGAAGGGGCGGTCTGTAGAACTAAGGCTGCAGGATCTCCATGACACAGGGCA  
ACAACAGGGTATCTGAGAAGGGTCCCCGTGAGGGTCCAGTATTTATAGTGACCCAGAAGC  
CAGAGGCCTCGGATCAGACAATGACCCATTGCACTGAGTAAAGATGTAAGTGAATGAGTG  
AAGATGTGTGGGCACACGGAATACTGAGGGACACACACAAGCTTTTATGGAGATGTTTG  
TTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTGTTTTG  
GATAAGGAAGCTGGAGACATGAGTGGGGTTGGGTGCATGATATAGAATTCACAAAGAAAA  
AAAAAAAAA (SEQ ID NO:1)

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FIGURE 2A